

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121521\
 Data File : VU046404.D
 Acq On : 15 Dec 2021 18:24
 Operator : SY/MD
 Sample : M5101-16
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 16 03:12:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 16 02:25:11 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

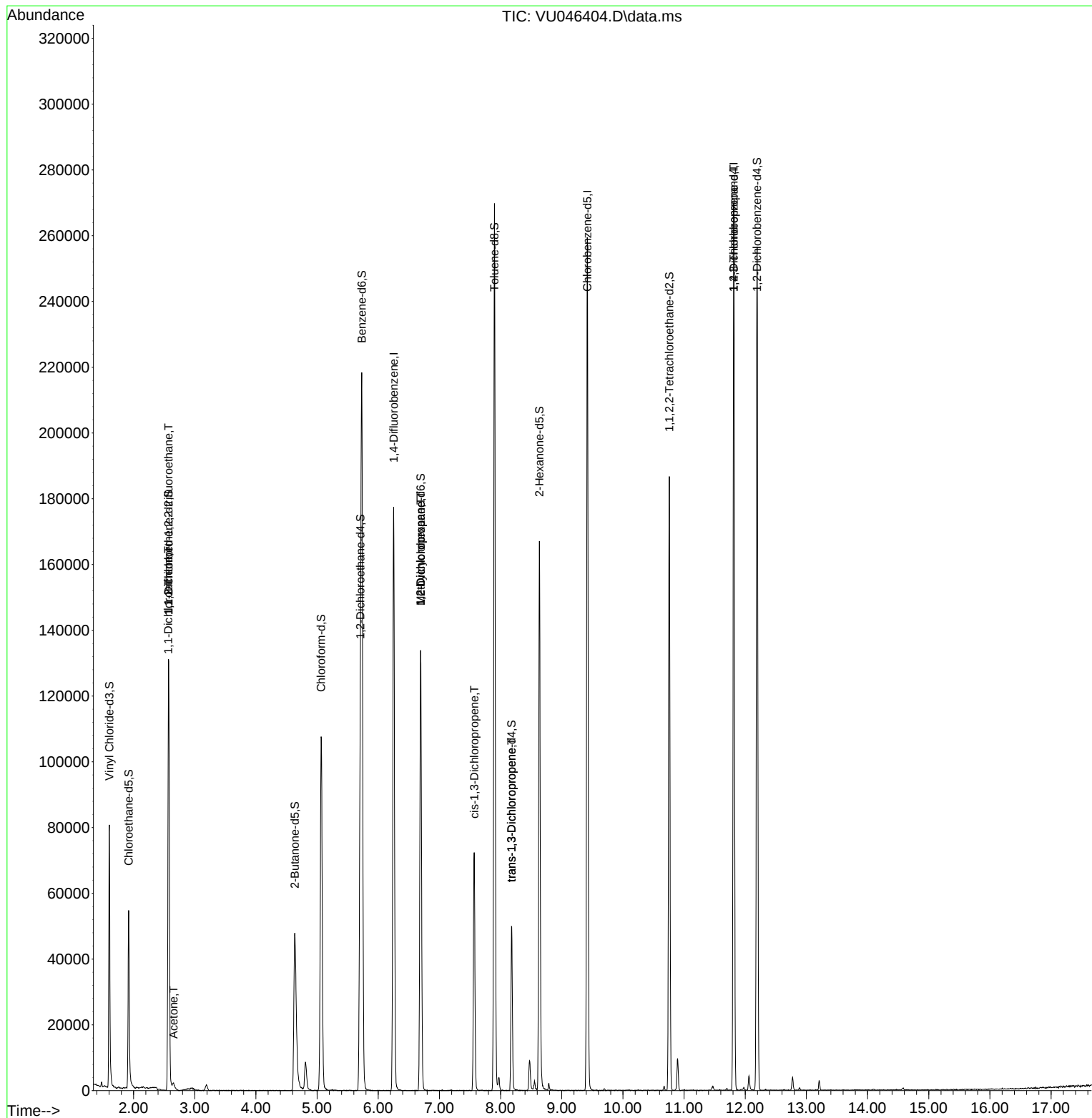
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	140363	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	143262	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	69014	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	62897	54.398	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	108.800%
7) Chloroethane-d5	1.919	69	44440	50.059	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.120%
11) 1,1-Dichloroethene-d2	2.571	63	79457	38.280	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.560%
21) 2-Butanone-d5	4.636	46	80062	87.104	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.100%
24) Chloroform-d	5.067	84	100813	52.211	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.420%
26) 1,2-Dichloroethane-d4	5.706	65	67919	52.414	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.820%
32) Benzene-d6	5.732	84	203817	49.637	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.280%
36) 1,2-Dichloropropane-d6	6.693	67	62439	49.065	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.140%
41) Toluene-d8	7.899	98	173427	46.388	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.780%
43) trans-1,3-Dichloroprop...	8.179	79	28982	47.178	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.360%
47) 2-Hexanone-d5	8.636	63	60009	99.456	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.460%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	89010	46.122	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.240%
66) 1,2-Dichlorobenzene-d4	12.195	152	65101	48.982	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.960%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.571	101	669	0.655	ug/L #	21
12) 1,1-Dichloroethene	2.568	96	580	0.598	ug/L #	1
13) Acetone	2.652	43	3225	2.807	ug/L	93
35) Methylcyclohexane	6.693	83	15300	8.638	ug/L #	20
37) 1,2-Dichloropropane	6.693	63	7138	6.284	ug/L #	86
39) cis-1,3-Dichloropropene	7.571	75	1797	1.040	ug/L #	63
44) trans-1,3-Dichloropropene	8.179	75	1128	0.665	ug/L #	64
60) 1,2,3-Trichloropropane	11.812	75	8388	5.545	ug/L #	66

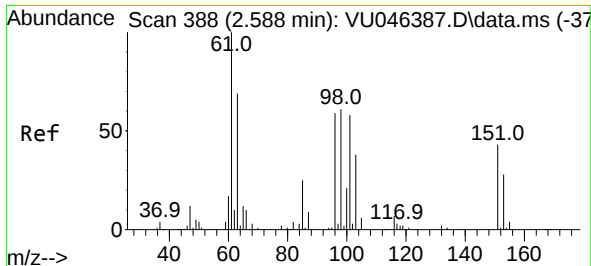
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Dec 16 02:25:11 2021
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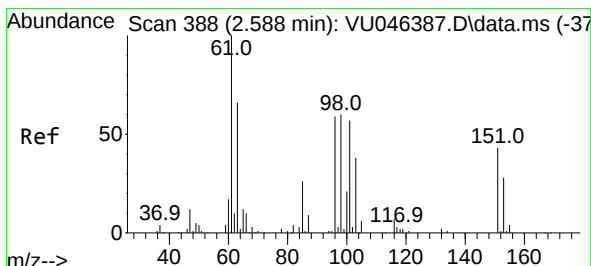
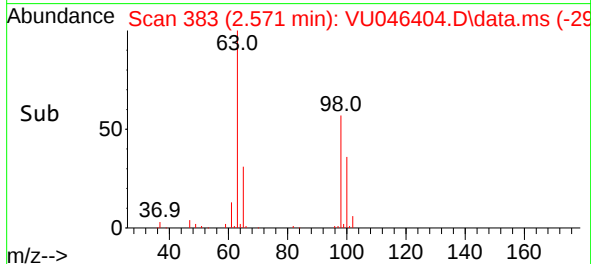
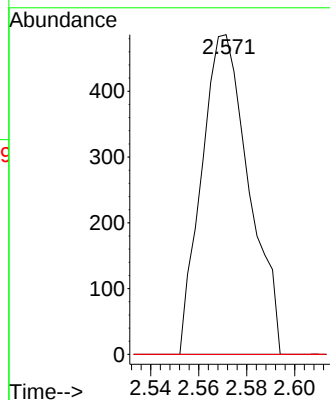
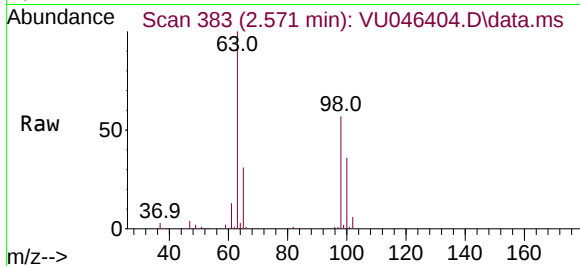




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.655 ug/L
 RT: 2.571 min Scan# 31
 Delta R.T. -0.016 min
 Lab File: VU046404.D
 Acq: 15 Dec 2021 18:24

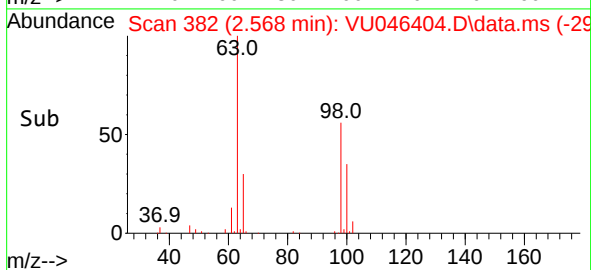
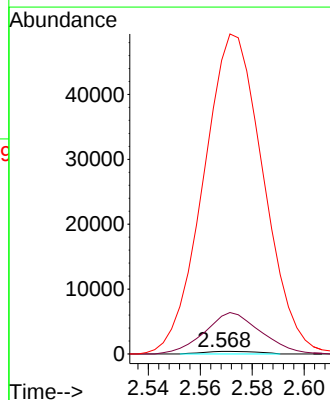
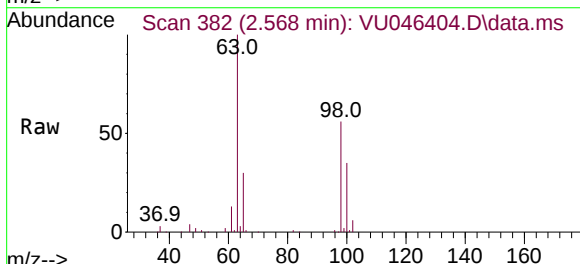
Instrument :
 MSVOA_U
 ClientSampleId :

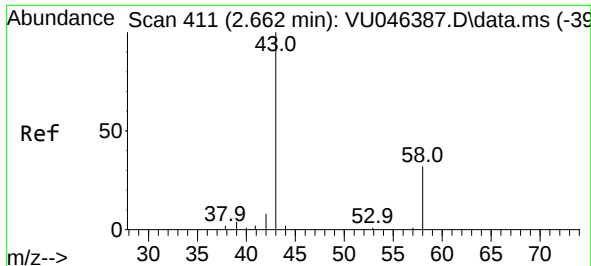
Tgt Ion:101 Resp: 669
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.1 52.7#
 151 0.0 56.7 85.1#



#12
 1,1-Dichloroethene
 Concen: 0.598 ug/L
 RT: 2.568 min Scan# 382
 Delta R.T. -0.020 min
 Lab File: VU046404.D
 Acq: 15 Dec 2021 18:24

Tgt Ion: 96 Resp: 580
 Ion Ratio Lower Upper
 96 100
 61 1471.4 118.6 220.2#
 63 11457.2 93.0 172.8#





#13

Acetone

Concen: 2.807 ug/L

RT: 2.652 min Scan# 408

Delta R.T. -0.010 min

Lab File: VU046404.D

Acq: 15 Dec 2021 18:24

Instrument :

MSVOA_U

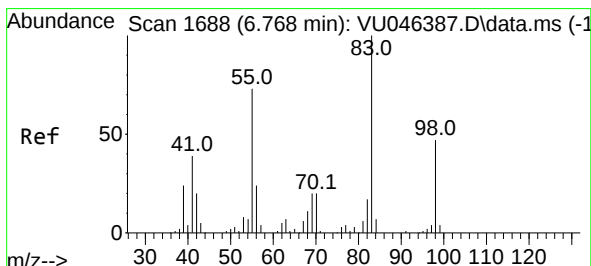
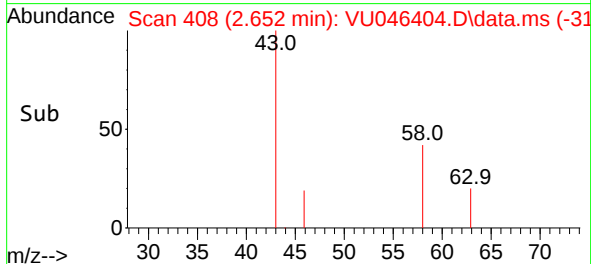
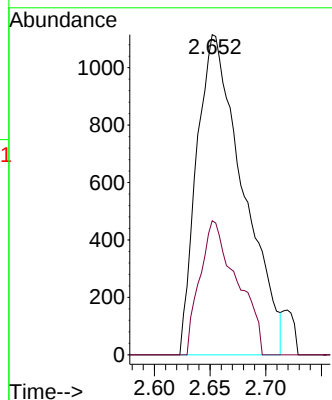
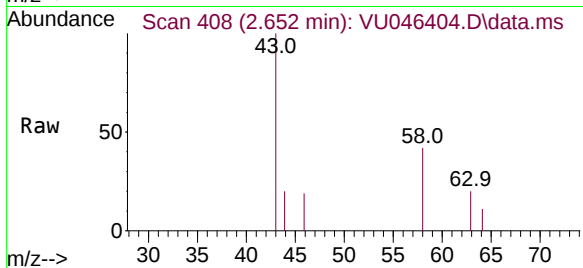
ClientSampleId :

Tgt Ion: 43 Resp: 3225

Ion Ratio Lower Upper

43 100

58 29.5 0.0 66.8



#35

Methylcyclohexane

Concen: 8.638 ug/L

RT: 6.693 min Scan# 1665

Delta R.T. -0.074 min

Lab File: VU046404.D

Acq: 15 Dec 2021 18:24

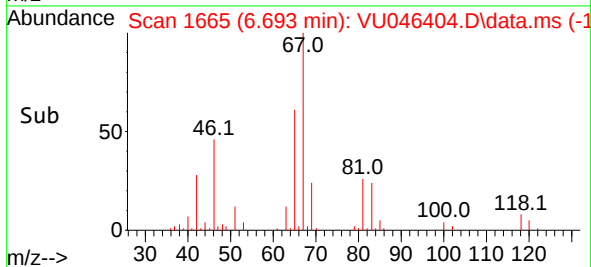
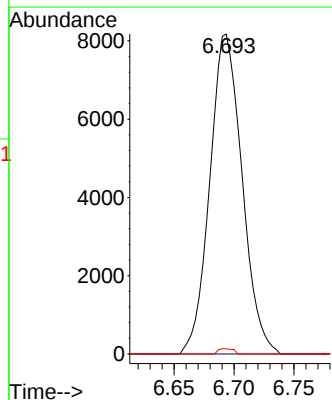
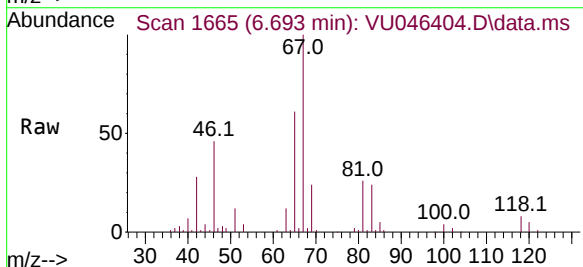
Tgt Ion: 83 Resp: 15300

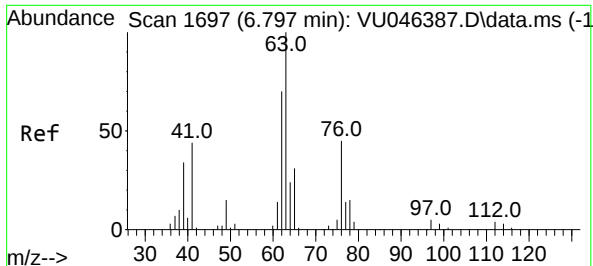
Ion Ratio Lower Upper

83 100

55 0.0 57.8 86.6#

98 0.8 38.4 57.6#





#37

1,2-Dichloropropane

Concen: 6.284 ug/L

RT: 6.693 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU046404.D

Acq: 15 Dec 2021 18:24

Instrument :

MSVOA_U

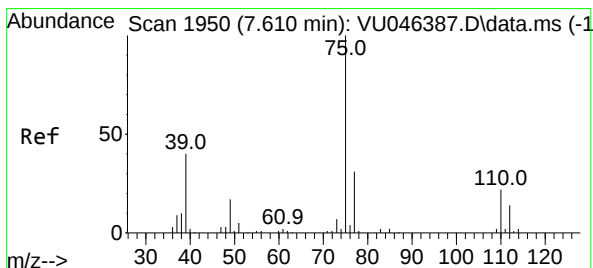
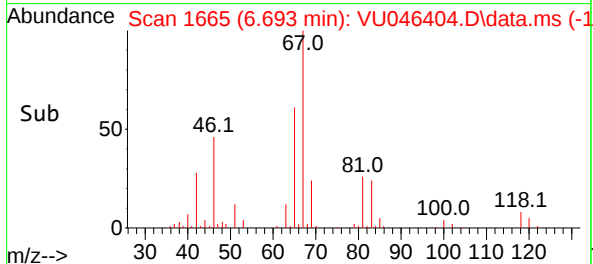
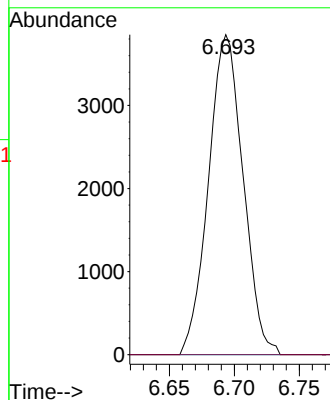
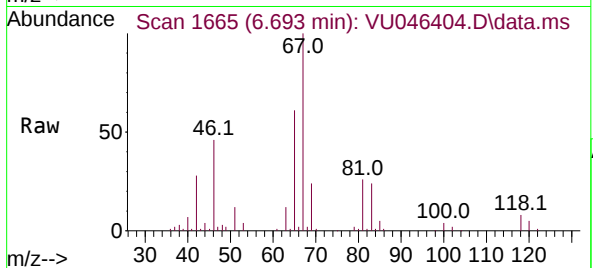
ClientSampleId :

Tgt Ion: 63 Resp: 7138

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



#39

cis-1,3-Dichloropropene

Concen: 1.040 ug/L

RT: 7.571 min Scan# 1938

Delta R.T. -0.039 min

Lab File: VU046404.D

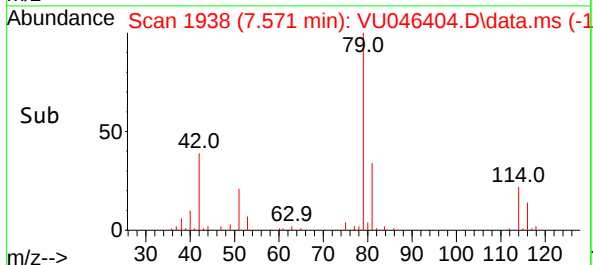
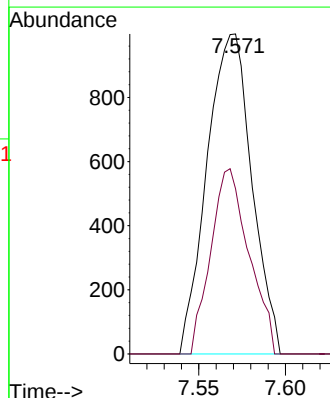
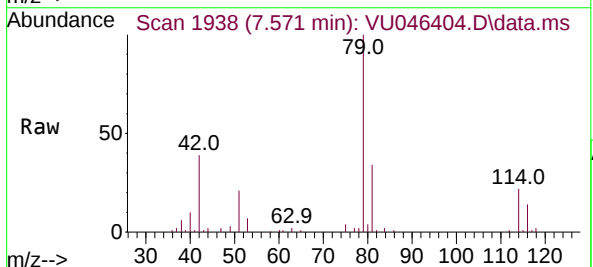
Acq: 15 Dec 2021 18:24

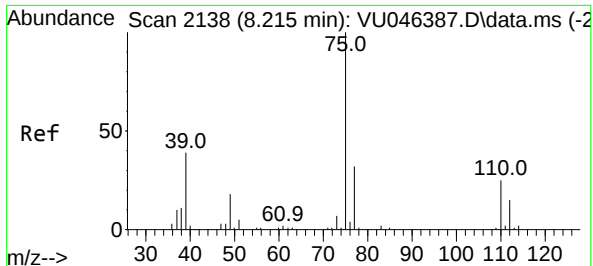
Tgt Ion: 75 Resp: 1797

Ion Ratio Lower Upper

75 100

77 51.6 21.8 40.6#

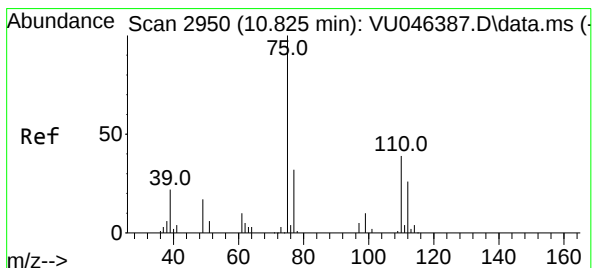
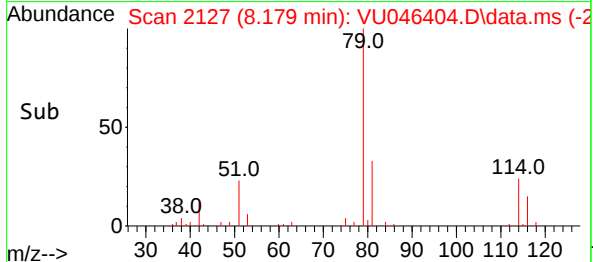
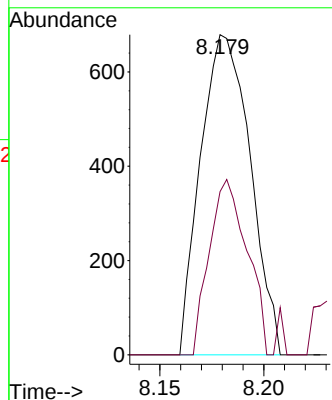
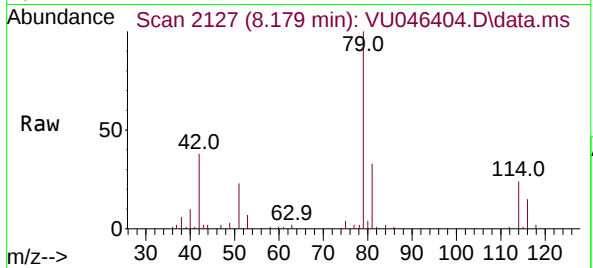




#44
trans-1,3-Dichloropropene
Concen: 0.665 ug/L
RT: 8.179 min Scan# 2138
Delta R.T. -0.036 min
Lab File: VU046404.D
Acq: 15 Dec 2021 18:24

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 1128
Ion Ratio Lower Upper
75 100
77 51.0 21.7 40.3#



#60
1,2,3-Trichloropropane
Concen: 5.545 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.987 min
Lab File: VU046404.D
Acq: 15 Dec 2021 18:24

Tgt Ion: 75 Resp: 8388
Ion Ratio Lower Upper
75 100
77 32.2 26.4 39.6
110 2.5 32.4 48.6#

